

Title (en)

A method and a circuit system for using equivalent integrated-circuit devices operating at different voltages

Title (de)

Eine Methode und Schaltungssysteme für die Benutzung äquivalenter integrierter Schaltungselemente mit verschiedenen Betriebsspannungen

Title (fr)

Methode et système de circuit pour l'utilisation des circuits intégrés qui fonctionnent à tensions différentes

Publication

EP 1152465 A1 20011107 (EN)

Application

EP 00830323 A 20000504

Priority

EP 00830323 A 20000504

Abstract (en)

The circuit system comprises an integrated circuit which is one of a family of equivalent integrated circuits that comprises a first-generation integrated circuit (IC1g') operating at the supply voltage of the circuit system (V) and at least one subsequent-generation integrated circuit (IC2g') having a portion (A') operating at a lower voltage. The first-generation integrated circuit (IC1g') has a direct electrical connection (SC) between one (VDD1g) of the supply terminals and another terminal (VDD2g). The subsequent-generation integrated circuit (IC2g') has a voltage reducer with regulator (RG) the output of which is connected to the said other terminal (VDD2g). A filter capacitor (C) is connected between the said other terminal (VDD2g) and one (VSS) of the supply terminals. <IMAGE> <IMAGE>

IPC 1-7

H01L 23/50

IPC 8 full level

H01L 23/50 (2006.01); **H01L 23/64** (2006.01)

CPC (source: EP US)

H01L 23/50 (2013.01 - EP US); **H01L 23/642** (2013.01 - EP US); **H01L 24/48** (2013.01 - EP US); **H01L 24/49** (2013.01 - EP US); **H01L 2224/05554** (2013.01 - EP US); **H01L 2224/05599** (2013.01 - EP US); **H01L 2224/48091** (2013.01 - EP US); **H01L 2224/48227** (2013.01 - EP US); **H01L 2224/49175** (2013.01 - EP US); **H01L 2224/85399** (2013.01 - EP US); **H01L 2924/00014** (2013.01 - EP US); **H01L 2924/01021** (2013.01 - EP US); **H01L 2924/14** (2013.01 - EP US); **H01L 2924/19041** (2013.01 - EP US)

Citation (search report)

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- [Y] US 5132555 A 19920721 - TAKAHASHI TOSHIRO [JP]
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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1152465 A1 20011107; **EP 1152465 B1 20071128**; DE 60037242 D1 20080110; US 2002022402 A1 20020221; US 6768649 B2 20040727

DOCDB simple family (application)

EP 00830323 A 20000504; DE 60037242 T 20000504; US 84861501 A 20010503